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# Whereis® Navigator

## *for HP iPaq Devices with In-Built GPS*

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### Installation Guide

Document Version 2.5

Updated : 16 May 2006

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## Contents

<b>1</b>	<b>GENERAL.....</b>	<b>3</b>
1.1	Acknowledgements .....	4
1.2	Disclaimer.....	4
1.3	Equipment Required .....	5
1.4	General Requirements .....	5
<b>2</b>	<b>SOFTWARE INSTALLATION .....</b>	<b>6</b>
2.1	Quickstart for Activesync® Installation.....	6
2.2	Installation via Activesync® .....	7
2.3	Quickstart for Direct Phone Installation .....	10
2.4	Installation directly on the Phone .....	11
<b>3</b>	<b>PERSONALISE YOUR CONFIGURATION .....</b>	<b>14</b>
3.1	Personalise your Configuration.....	14
<b>4</b>	<b>GPS CONFIGURATION .....</b>	<b>17</b>
4.1	Using the HP iPaq with In-Built GPS .....	17
4.2	Advanced Settings GPS Quick Connection Utility .....	18
<b>5</b>	<b>NEED MORE INFORMATION? .....</b>	<b>19</b>
<b>6</b>	<b>LOG A PROBLEM OR SUGGESTION? .....</b>	<b>19</b>

## 1 GENERAL

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Congratulations on selecting one of Australia's leading vehicle navigation solutions!

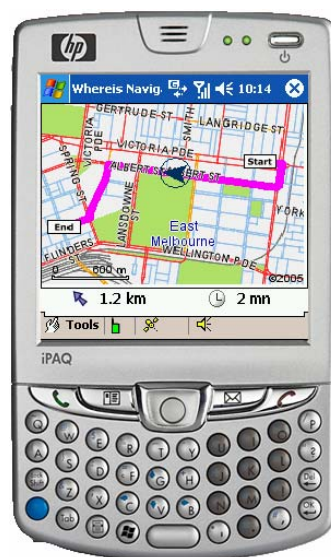
Know where you are and where you are going with Whereis® Navigator. Whereis® Navigator is a wireless GPS navigation solution that delivers real-time navigation throughout Australia with turn-by-turn directions using voice guidance, clear icons, maps and other points of interest. This has been modified specifically to best use the HP iPaq devices with in-built GPS.

Visit <http://navigator.whereis.com> for all the latest information on Whereis® Navigator.

Visit <http://www.hp.com.au> for the latest information on Hewlett Packard.

This manual will help you in installing and configuring Whereis® Navigator for your HP iPaq with in-built GPS.

We recommend you read the user manual carefully to assist with usage of Whereis® Navigator.



## 1.1 Acknowledgements



UBD and the UBD logo are registered trade marks of Universal Publishers Pty Ltd. UBD maps are used by Sensis under license from Universal Publishers Pty Ltd.



Whereis® Navigator is powered by Webraska technology. Webraska Mobile technologies is a registered trademark of Webraska.



technology was used in developing the mapping database.

Microsoft, Activesync, Windows and Windows Mobile are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

Whereis® and the Whereis® logo are registered trademarks of Telstra Corporation Limited. GeoFresh™ is a trademark of Telstra Corporation Limited.

## 1.2 Disclaimer

### **General**

You must only use this software and follow its instructions when it is safe to do so and in accordance with any traffic regulations. Do not key in data while your vehicle is moving. Your personal judgement, traffic regulations, and common sense must always take precedence over instructions produced by this software.

### **Accuracy of the data**

Although Sensis takes reasonable measures to ensure that the information contained in this software is complete, accurate and up-to-date, Sensis, Telstra and their licensors do not guarantee the completeness, accuracy or suitability of the information provided by this software.

### **Exclusion of liability**

To the extent permitted by law, you use this software at your own risk and any loss or damage suffered is your (or any other user's) responsibility.

## 1.3 Equipment Required

The following important components are required to operate Whereis® Navigator:

- A HP iPaq with an in-built GPS Receiver, ie hw6515 or hw6965.
- GPRS data communications must be enabled to use this service<sup>1</sup>. Please contact your telecommunications company to configure or enable data communications on your phone.
- The Whereis® Navigator for HP iPaq devices with in-built GPS.
- A unique license key for each mobile device you require. This is included with your new HP iPaq and you need to visit <http://navigator.whereis.com> to register. You should keep this number and any Whereis® Navigator CD in a safe place should you need to reinstall.
- *Please note that each license key has been configured to operate on one device and if used on more than one device, may be automatically disabled and you will need to contact customer care for re-activation which may take up to 72 hours.*

## 1.4 General Requirements

- At least 3.5 MB of free memory for application installation.
- We recommend an in-vehicle charger for your HP iPaq to ensure the best battery performance.
- A quality vehicle-mount for your phone.
- We recommend performing a back-up of your device once you have successfully installed and configured Whereis® Navigator. This will allow you to restore your device configuration in the event of total battery loss and device hard resets (consult your PocketPC user guide for assistance). The HP iPaq has a back up utility which can be found under programs -> HP Backup Utility.

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<sup>1</sup> Whereis® Navigator requires you are in mobile coverage to download routes. You do not require coverage once the route is downloaded unless you deviate from the route and require a new route to automatically download.

## 2 SOFTWARE INSTALLATION

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### 2.1 Quickstart for Activesync® Installation

This is a brief step-by-step process for the installation of Whereis® Navigator using Microsoft Activesync®.

Step 1	Check your GPRS data communications settings are correct and test it is working (consult your telecommunications company for support to enable GPRS if you are unsure).
Step 2	Run the Whereis® Navigator installer with Activesync® running and your phone connected.
Step 3	Follow the install screens and enter your name, company and unique licence key provided (in your HP iPaq package on a Whereis® Navigator CD or trial flyer).
Step 4	Select to install on your PocketPC.
Step 5	Run HP GPS Quick GPS Connection Utility (Ensure that your HP iPaq is set for the correct time zone and time setting to facilitate the correct data download of GPS information – this may take up to 30 seconds to download the necessary GPS information).
Step 6	Start Whereis® Navigator (Start -> Whereis Navigator)
Step 7	Verify GPS is active ( <b>orange</b> or <b>green</b> satellite icon) and has a fix (may take up to 1 minute and you should be outdoors with a clear view of the sky).
Step 8	Commence using Whereis® Navigator.

## 2.2 Installation via Activesync®

Make sure the HP iPaq is inserted in the cradle or connected via the cable and Microsoft Activesync® is active (**green**).

**NOTE: If you already have a copy of Whereis® Navigator installed on your PC, you will be prompted to remove it and then you will need to re-run the setup again to install the new version. All previous settings are deleted upon removal.**

Ensure Activesync® is running. The Activesync® tray icon should be visible in the bottom right corner of screen.



If it is **grey** as shown to the right, (re-) insert the PDA into the cradle.

If you have Whereis® Navigator on CD-Rom, insert it into the CD Drive on your PC or Laptop and a menu will automatically launch after a few seconds.



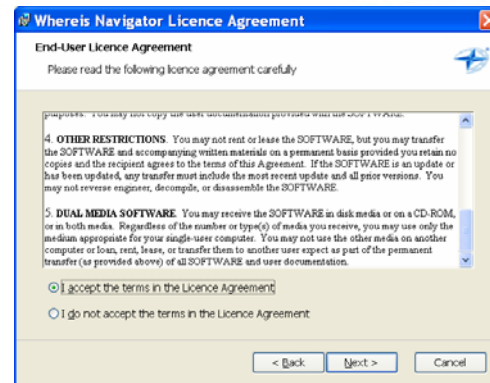
If you have downloaded the application from the website, you will need to find the saved application and run the file to commence the installation process.

Once the setup wizard is displayed, click '**Next**' to proceed.

**Note:** If you already have a copy of Whereis® Navigator installed on your PC, you will be prompted to remove it. You will need to do this and then re-run the setup to install a fresh copy of Whereis® Navigator.

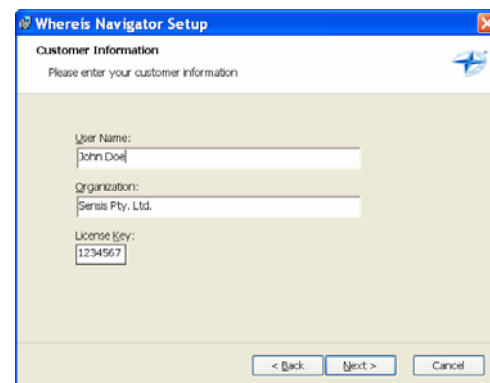


To install Whereis® Navigator, you will need to read and accept the terms of the license agreement. If you agree, click the appropriate radio button and then click **'Next'**.



Enter your name and company details (optional).

Enter the License Key in the License Key field.



Click **'Next'** and then **'Install'** and the software will commence installation on your PC or Laptop.

Now that it is installed on your PC, you can **select the tick box** and install the software on your phone.

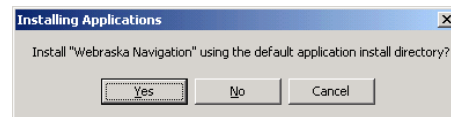
Click **'Finish'** when prompted.





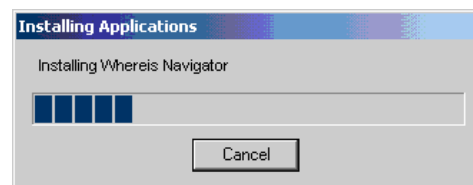
On your HP iPaq, Press **'Yes'** to accept the default application install directory.

*Note: Advanced users may choose a different location but the SD Card should not be chosen as the voice instructions may be muted. We strongly recommend installing to the default location.*



The software is now installed on your HP iPaq.

Upon completion a message is displayed asking you to check your phone screen for additional steps. Press **'OK'** to close this message.



Finally, on the PC click **'Finish'** to close the installation program.

You are now ready to set up your GPS and set any personal configuration settings in the software.

*Note: Please see the HP Quick GPS Connection Utility section to update the GPS location before using Whereis® Navigator.*

## 2.3 Quickstart for Direct Phone Installation

This is a step-by-step process for the installation of Whereis® Navigator directly on your phone **instead** of using Activesync®.

Step 1	Check your GPRS data communications settings are correct and test it is working (consult your telecommunications company for support to enable GPRS if you are unsure).
Step 2	Copy the CAB <sup>2</sup> file to your phone's memory (suggest either to the memory card or My Documents folder).
Step 3	Using File Explorer on your phone, browse to the location of the CAB file.
Step 4	Click on the CAB file and installation will commence and complete.
Step 5	Run HP GPS Quick GPS Connection Utility (Ensure that your HP iPaq is set for the correct time zone and time setting to facilitate the correct data download of GPS information – this may take up to 30 seconds to download the necessary information).
Step 6	Start Whereis® Navigator and configure your unique license key (under configuration – far right tab).
Step 7	Verify GPS is active ( <b>orange</b> or <b>green</b> satellite icon) and has a fix (may take up to 1 minute and you should be outdoors with a clear view of the sky).
Step 8	Commence using Whereis® Navigator.

<sup>2</sup> A CAB file is a self-installing application designed to be installed directly on the HP iPaq. It does not run on the Windows operating system, only on the PocketPC operating system.

## 2.4 Installation directly on the Phone

In some cases, it may be easier to install Whereis® Navigator directly on your HP iPaq, rather than via Activesync®. This is a quick process without the need for a PC or Laptop and can be used to install or re-install the application both in the office and while on the road if you have not backed up your device.

This installation process can be used to install the software from a PC or Laptop, Memory Card or via Infrared and Bluetooth™.

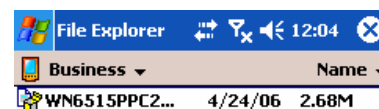
**NOTE: You will need to enter the license key manually using this process once the application has been installed.**

If you have Whereis® Navigator on CD-Rom, insert it into the CD Drive on your PC or Laptop and a menu will automatically launch after a few seconds. Click **"Install Software"**, choose your mobile phone type from the pull-down list at **"①"** then click **"Begin Installation"** at **"②"**. Click **"CAB"** to download the CAB file then **"Save"** to save the file to your preferred location on your PC.



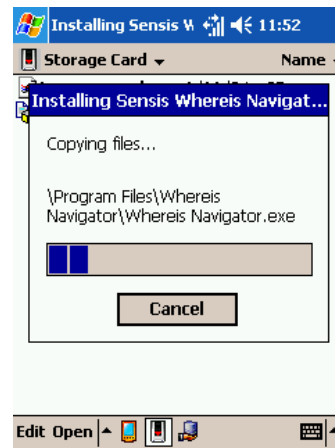
If you have downloaded the application from the website, you will need to find the saved application and run the file to commence the CAB installation process.

Once you have copied the file to the phone, you need to launch File Explorer on your HP iPaq and then **click** on the file.



The software will now install.

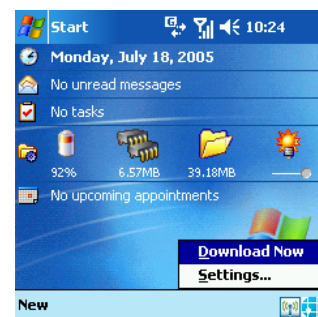
Once installed, you will have to start the application and configure the license key before you can use Whereis® Navigator.



Run the HP Quick GPS Connection Utility by selecting the icon on the main screen and selecting **download now**. This will download the latest satellite information so your GPS gets a location quickly<sup>3</sup>.

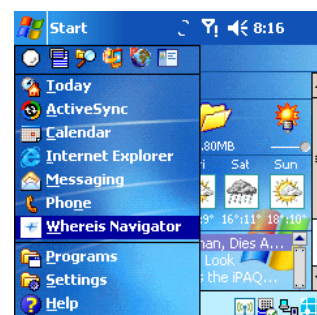
You can also access the utility through

Start -> System -> Connections -> GPS Quickstart Utility



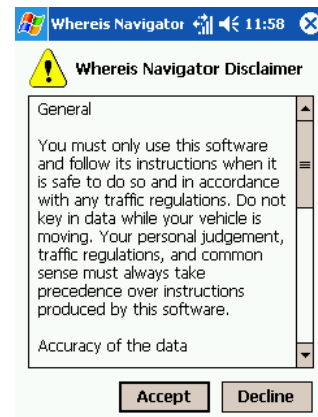
**Note: The download can take up to 30 seconds and requires GPRS access.**

To start Whereis® Navigator, click **Start -> Whereis® Navigator**.



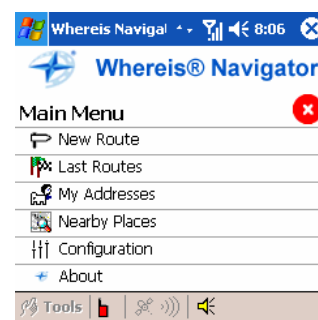
<sup>3</sup> Your HP iPaq must have the correct time zone and time settings for GPS Quick Connect to speed getting a GPS fix.

Please read the disclaimer carefully by scrolling. Once you have read it to the bottom, you can '**Accept**' to continue or '**Decline**' if you do not agree.



Once you click Agree, you will see the Main Menu.

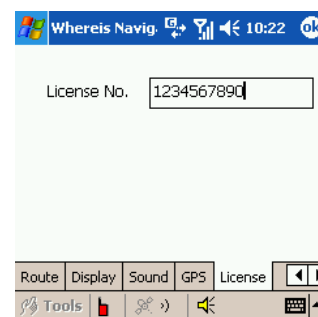
Select '**Configuration**' from the options.



Using the horizontal menu options at the bottom, arrow right until you see '**License**'. Select this menu tab and then enter the license key provided to you.

Once entered, select '**OK**' at the top right and you are now ready to use Whereis® Navigator.

**Note: The GPS is defaulted to com port 7 and baud rate 4800. If you modify this, please ensure it is set correctly before attempting to operate Whereis® Navigator.**

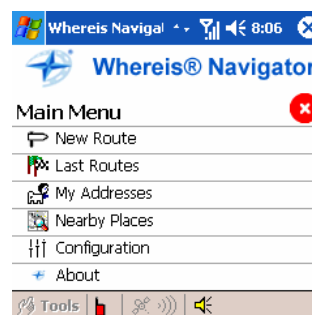


## 3 PERSONALISE YOUR CONFIGURATION

### 3.1 Personalise your Configuration

The configuration section allows you to change the way Whereis® Navigator operates and can be configured to operate with different settings for maps, audio and route functions.

From the Main Menu, select **'Configuration'**.

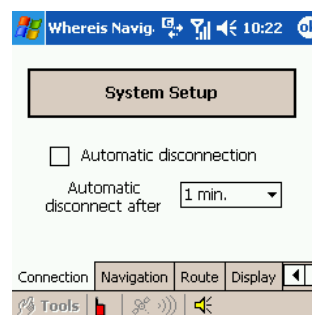


The **'Connection'** Tab lets you change settings for your data communications.

The HP iPaq has a built in utility to automatically configure your phone and data settings.

start -> settings -> connections -> GSM/GPRS Manager

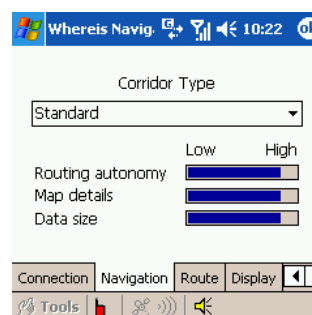
**Note: Please consult your telecommunications company if you cannot configure the phone settings correctly using this utility.**



The **'Navigation'** Tab lets you change the amount of route information downloaded each time you request a route to navigate.

By default it is set to **'Standard'**. You can increase or decrease the amount of navigation information downloaded.

On higher speed networks, such as CDMA 1x networks, you may increase this. If

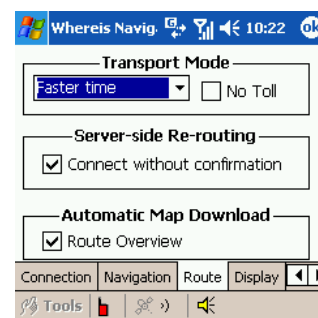


you are operating in poor coverage areas or do not need as much information, you can decrease this. Refer to the FAQ section in the User Guide for more information.

The sliding bars indicate the amount of information each setting downloads.

The **'Route'** Tab allows you to customise specific route information defaults.

You can default routes to faster time or shorter distance, nominate whether you would like to automatically re-route you without user intervention when you leave the nominated route and whether you download the overview map when navigating.

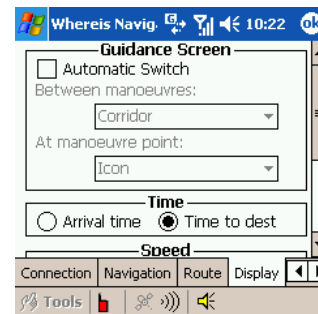


The **'Display'** Tab lets you change the way information is displayed on screen for navigation.

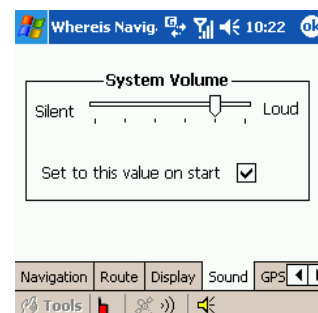
Guidance Screen allows you to set the preferred navigation screens when navigating.

You can choose to display the estimated time that you will arrive or the estimated time remaining to reach your destination.

You can select the assumed travel speed.

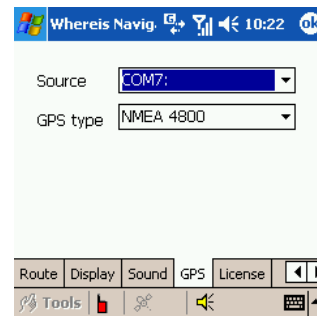


The **'Sound'** Tab lets you select the default level the sound will be at when you start Whereis® Navigator. This overrides the current sound setting of the phone so if you accidentally leave it on low volume, Whereis® Navigator can automatically increase it making it easier to operate.



The **'GPS'** Tab is where you configure the GPS communications. When the software is installed on the HP iPaq it will default to the built in GPS Receiver.

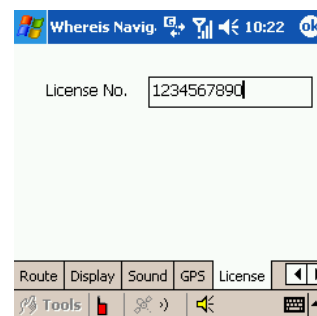
**The HP iPaq devices with an in-built GPS Receiver operate on COM Port 7 and a baud rate of 4800.**



The **'License'** Tab is used to enter your license key. This must be configured to use Whereis® Navigator.

You may have a trial license key in your purchase of the HP iPaq. This can be renewed by purchasing online at <http://navigator.whereis.com>

**Note: A unique license key is required for each phone. If you use a license key on more than one phone it may be automatically disabled.**





## 4 GPS CONFIGURATION


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### 4.1 Using the HP iPaq with In-Built GPS

Your HP iPaq has an in-built GPS Receiver. To set up your GPS Receiver for operation, please follow these important instructions to ensure it can locate your position as quickly as possible.

***The default settings in Whereis® Navigator for the in-built GPS Receiver are  
COM Port 7  
Baud Rate 4800***

The HP iPaq has a utility that enabled the built in GPS Receiver to determine your location in poor coverage areas. This utility should be run before using Whereis® Navigator to ensure the GPS locates you quickly.

- Verify the HP iPaq has the correct date and time zone settings.
- Verify your GPRS settings are correctly configured. The HP iPaq has an automatic detection utility.
  - Start -> Setting -> Connections -> GSM/GPRS Manager
- Run the HP Quick GPS Connection Utility
  - Start -> Settings -> Connections -> Quick GPS Connection
- Select Download Now (GPRS must be available).
- As a tip, in the future, you can access the Quick GPS Connection Utility by tapping the icon () on the main screen tool bar at the bottom and selecting Download Now.
- After the GPS Quick Connection has run successfully, GPS performance can improve significantly.

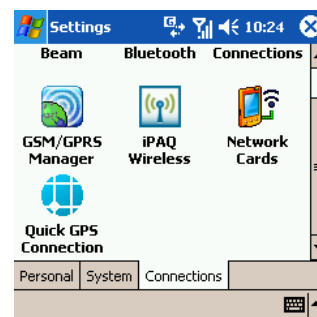
You can set the utility to automatically run every 2 days to keep your GPS Receiver up-to-date for improved performance. It should be noted that to successfully obtain a GPS fix you need to be outdoors with a good view of the sky.

For technical support on the HP iPaq Quick GPS Utility, please visit the support section for the HP iPaq at <http://www.hp.com.au>.


## 4.2 Advanced Settings GPS Quick Connection Utility

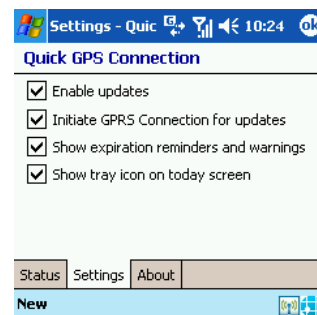
You can configure the HP GPS Quick Connection Utility to automatically update the GPS information every 2 days using a GPRS connection. This ensures the built in GPS Receiver can perform effectively.

You can access the HP Quick GPS Connection Utility by selecting Start -> Settings -> Connections -> Quick GPS Connection



By selecting the **Show tray icon on today screen**, you can access the Quick GPS Connection utility from the HP iPaq home page.

To configure the settings, tap the icon  on the main screen and select Settings.



You can configure the settings and we recommend you tick all the boxes for easy access and notifications. Standard GPRS charges do apply for downloading the latest GPS information.

## 5 NEED MORE INFORMATION?

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Information specific to the **HP iPaq** can be found at <http://www.hp.com.au>.

In some cases you may want further information on Whereis® Navigator. If this is the case, please visit <http://navigator.whereis.com> to get the latest general information and answers to Frequently Asked Questions.

The User Guide, available from your Whereis® Navigator CD or from the above web site, provides detailed information on operating Whereis® Navigator for the HP iPaq.

## 6 LOG A PROBLEM OR SUGGESTION?

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If you are having problems then please visit <http://navigator.whereis.com> and you have a range of support possibilities. You can view Frequently Asked Questions, download documentation such as installation and user guides, or contact our customer care team.

Whereis® always welcomes suggestions for improvements to our products. If you have a feature or improvement you would like to suggest, please provide the feedback via the Support page on <http://navigator.whereis.com> and we will evaluate the suggestion.

In the event you find a map anomaly, please provide this information through the form provided on <http://www.whereis.com> under "Contact Us" from the bottom of the page, then choose "Report An Error" from the left-hand menu. A feature of Whereis® Navigator is the ability to update the Whereis® maps on our servers and we do make changes to our maps as part of our ongoing GeoFresh™ program. We would like to deliver the best solution we can and your feedback is important.